

THE INVENTION CLAIMED IS:

1. A computer system comprising:  
an application;  
a sub-system for having an interaction with the application;  
an interceptor system including:  
a proxy having an interaction with the application,  
a customization module providing a customization and having an interaction  
with the proxy, and  
a dispatcher having an interaction with the customization module and having  
an interaction with the sub-system;  
a customization repository for containing the customization module;  
a service having an interaction with the customization repository;  
a client having an interaction with the service; and  
a control having an interaction with the customization repository and the service for  
causing customization of the service and the client by disposing the proxy of  
the interceptor system to interact with the application and the dispatcher of the  
interceptor system to interact with the sub-system.
2. The computer system as claimed in claim 1 wherein:  
the client has an interaction with the customization repository, the client responsive to  
the control through the service for causing customization of the service and the  
client by disposing the proxy of the interceptor system to interact with the  
application and the dispatcher of the interceptor system to interact with the  
sub-system.
3. The computer system as claimed in claim 1 including:  
a customization developer system having an interaction with the customization  
repository for providing customizations thereto while the service is interacting  
with the client.
4. The computer system as claimed in claim 1 including:  
a plurality of customization modules, each of the plurality of customization modules  
having a different customization;  
and wherein:  
the proxy includes a customization control for controlling the interaction of the  
plurality of customization modules with the proxy.

5. The computer system as claimed in claim 1 including:  
a plurality of sub-systems;  
a plurality of customization modules, each of the plurality of subsystems having one  
of the plurality of customization modules having a different function; and  
5 a customization control for controlling the interaction of the plurality of sub-systems  
with the dispatcher.

6. The computer system as claimed in claim 1 wherein:  
the service includes a customization deployment interface for interacting with the  
control to cause a group consisting of the service, the client, and a  
10 combination thereof to obtain a customization.

7. The computer system as claimed in claim 1 wherein:  
the customization module is for customization of a non-functional property of the  
computer system.

8. The computer system as claimed in claim 1 wherein:  
the customization module is selected from a group consisting of performance related,  
15 security related, and failure related modules.

9. A computer system comprising:  
an application;  
a sub-system for having an interaction with the application;  
20 an interceptor system including:  
a proxy having an interaction with the application and including a  
customization control for controlling the interaction of the  
customization module with the proxy,  
a customization module providing a customization for a non-functional  
25 property of the computer system and having an interaction with the  
proxy, and  
a dispatcher having an interaction with the customization module and having  
an interaction with the sub-system;  
a customization repository for containing the customization module;  
30 a service having an interaction with the customization repository;  
a client having an interaction with the service; and

a control having an interaction with the customization repository and the service for causing customization of the service and the client by disposing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system interact with the sub-system.

10. A computer system comprising:

an application;

a plurality of sub-systems for having an interaction with the application;

an interceptor system including:

a proxy having an interaction with the application and including a customization control for controlling the interaction of the customization module with the proxy,

a plurality of customization modules providing customizations for a plurality of non-functional properties of the computer system and having an interaction with the proxy, and

a dispatcher having a selectable interaction with the plurality of customization modules and having an interaction with the plurality of sub-systems;

a customization repository for containing the customization module;

a service having an interaction with the customization repository;

a plurality of clients having an interaction with the service; and

a control having an interaction with the customization repository and the service for causing customization of the service and the plurality of clients by disposing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system selectively interact with the plurality of sub-systems.

11. A software system comprising:

an application;

a sub-system for having an interaction with the application; and

an interceptor system including:

a proxy having an interaction with the application;

a customization module providing a customization and having an interaction with the proxy; and

a dispatcher having an interaction with the customization module and having an interaction with the sub-system.

12. The software system as claimed in claim 11 including:  
a control for causing the proxy of the interceptor system to interact with the application and the dispatcher of the interceptor system interact with the sub-system.

5 13. The software system as claimed in claim 11 including:  
a plurality of customization modules; and  
a customization developer system for providing customizations to one of the plurality of customization modules while another of the plurality of customization modules is interacting with the proxy and the dispatcher.

10 14. The software system as claimed in claim 11 including:  
a plurality of customization modules, each of the plurality of customization modules having a different customization;  
and wherein:  
the proxy includes a customization control for controlling the interaction of the  
15 plurality of customization modules with the proxy.

15 15. The software system as claimed in claim 11 including:  
a plurality of sub-systems;  
a plurality of customization modules, each of the plurality of subsystems having one of the plurality of customization modules having a different function; and  
20 a customization control for controlling the interaction of the plurality of sub-systems with the dispatcher connected to a group consisting of the application, the proxy, the dispatcher, and a combination thereof.

25 16. The software system as claimed in claim 11 including:  
a service;  
a client;  
and wherein:  
the interceptor system is in the client and is responsive to the service.

30 17. The software system as claimed in claim 11 wherein:  
the customization module is for customization of a non-functional property of the software system.

18. The software system as claimed in claim 11 wherein:  
the customization module is selected from a group consisting of performance related,  
security related, and failure related modules.

19. A software system comprising:  
an application;  
a sub-system for having an interaction with the application; and  
an interceptor system including:

- a proxy having an interaction with the application and including a customization control for controlling the interaction of the customization module with the proxy;
- a customization module providing a customization for a non-functional property of the software system and having an interaction with the proxy; and
- a dispatcher having an interaction with the customization module and having an interaction with the sub-system.

20. A software system comprising:  
an application;  
a plurality of sub-systems for having an interaction with the application; and  
an interceptor system including:

- a proxy having an interaction with the application and including a customization control for controlling the interaction of the customization module with the proxy;
- a plurality of customization modules providing customizations for a plurality of non-functional properties of the software system and having an interaction with the proxy; and
- a dispatcher having a selectable interaction with the plurality of customization modules and having an interaction with the plurality of sub-systems.